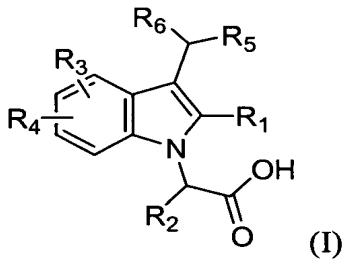
This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Previously presented) A Compound of formula (I):



(I)

wherein:

R_1 is hydrogen, C_1-C_6 alkyl, C_3-C_6 cycloalkyl, -CH_2-C_3-C_6 cycloalkyl, or C_1-C_3 perfluoroalkyl, wherein the alkyl and cycloalkyl groups may be optionally substituted by halogen, -CN, C_1-C_6 alkoxy, -OH, -NH_2, or -NO_2;

R_2 is hydrogen,C_1-C_8 alkyl, C_3-C_6 cycloalkyl, -CH_2-C_3-C_6 cycloalkyl, thienyl, CH_2-thienyl, furanyl, CH_2-furanyl, oxazoyl, CH_2-oxazoyl, phenyl, benzyl, or CH_2-naphthyl; wherein the alkyl group and the rings of the cycloalkyl, thienyl, furanyl, oxazoyl, phenyl, benzyl, and napthyl groups may be optionally substituted by from 1 to 3 groups selected from halogen, C_1-C_3 alkyl, C_1-C_3 perfluoroalkyl, -O-C_1-C_3 perfluoroalkyl, -S-C_1-C_3 perfluoroalkyl, C_1-C_3 alkoxy, -$OCHF_2$, -CN, -COOH, -CH_2CO_2H, -$C(O)CH_3$, -$C(O)OR_7$, -$C(O)NH_2$, -$S(O)_2CH_3$, -OH, -NH_2, or -NO_2;

R_3 is hydrogen, halogen, C_1-C_6 alkyl, C_1-C_3 perfluoroalkyl, C_1-C_6 alkoxy, C_3-C_6 cycloalkyl, or -CH_2-C_3-C_6 cycloalkyl;

R_4 is C_3-C_8 alkyl, C_3-C_6 cycloalkyl, -CH_2-C_3-C_6 cycloalkyl, thienyl, CH_2-thienyl, furanyl, oxazoyl, phenyl, benzo[*b*]furan-2-yl, benzo[*b*]thien-2-yl, benzo[1,3]dioxol-5-yl, or naphthyl; wherein the alkyl group and the rings of the cycloalkyl, thienyl, furanyl, oxazoyl, phenyl, benzofuranyl, benzothienyl, and napthyl groups may be optionally substituted by from 1 to 3 groups selected from halogen, C_1-C_3 alkyl, C_1-C_3 perfluoroalkyl, -O-C_1-C_3

perfluoroalkyl, -S-C_1-C_3 perfluoroalkyl, C_1-C_3 alkoxy, -$OCHF_2$, -$C(O)CH_3$, -$C(O)OR_7$, -$C(O)NH_2$, -$S(O)_2CH_3$, -OH, -NH_2, or -NO_2;

R_5 is C_1-C_8 alkyl, C_3-C_6 cycloalkyl, -CH_2-C_3-C_6 cycloalkyl, pyridinyl, -CH_2-pyridinyl, thienyl, CH_2-thienyl, furanyl, CH_2-furanyl, oxazoyl, CH_2-oxazoyl, phenyl, benzyl, benzo[*b*]furan-2-yl, benzo[*b*]thien-2-yl, benzo[1,3]dioxol-5-yl, naphthyl, CH_2-naphyl, *9H*-fluoren-1-yl, *9H*-fluoren-4-yl, *9H*-fluoren-9-yl, 9-fluorenone-1-yl, 9-fluorenone-2-yl, 9-fluorenone-4-yl, or CH_2-*9H*-fluoren-9-yl; wherein the alkyl group and the rings of the cycloalkyl, pyridinyl, thienyl, furanyl, oxazoyl, phenyl, benzyl, benzofuranyl, benzothienyl, napthyl, fluorenyl, and fluorenone groups may be optionally substituted by from 1 to 3 groups selected from halogen, C_1-C_3 alkyl, C_3-C_6 cycloalkyl, C_1-C_3 perfluoroalkyl, -O-C_1-C_3 perfluoroalkyl, -S-C_1-C_3 perfluoroalkyl, C_1-C_3 alkoxy, -$OCHF_2$, -CN, -COOH, -CH_2CO_2H, -$C(O)CH_3$, -$C(O)OR_7$, -$C(O)NH_2$, -$S(O)_2CH_3$, -OH, -NH_2, -NO_2, or phenoxy, the phenoxy group being further optionally substituted by from 1 to 3 groups selected from halogen, C_1-C_3 alkyl, or C_1-C_3 perfluoroalkyl;

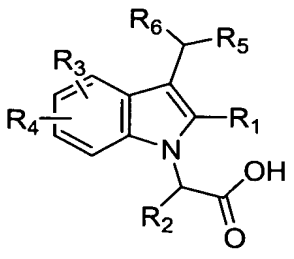
R_6 is hydrogen, C_1-C_8 alkyl, C_3-C_6 cycloalkyl, -CH_2-C_3-C_6 cycloalkyl, pyridyl, thienyl, CH_2-thienyl, furanyl, CH_2-furanyl, oxazoyl, CH_2-oxazoyl, phenyl, benzyl, benzo[*b*]furan-2-yl, benzo[*b*]thien-2-yl, benzo[1,3]dioxol-5-yl, CH_2-1-naphthyl, or CH_2-2-naphyl; wherein the alkyl group and the rings of the cycloalkyl, thienyl, furanyl, oxazoyl, phenyl, benzyl, benzofuranyl, benzothienyl, and napthyl groups may be optionally substituted by from 1 to 3 groups selected from halogen, C_1-C_3 alkyl, C_1-C_3 perfluoroalkyl, -O-C_1-C_3 perfluoroalkyl, -S-C_1-C_3 perfluoroalkyl, C_1-C_3 alkoxy, -$OCHF_2$, -CN, -COOH, -CH_2CO_2H, -$C(O)CH_3$, -$C(O)OR_7$, -$C(O)NH_2$, -$S(O)_2CH_3$, -OH, -NH_2, or -NO_2;

or R_5 and R_6 taken together may be C_3-C_6 cycloalkyl, 3-indan-1-yl, 1,2,3,4-tetrahydronaphthalen-1-yl, chroman-4-yl, *4H*-chromen-4-yl, thiochroman-4-yl, *9H*-fluoren-9-yl, 9,10-dihydroanthracen-9-yl, *9H*-xanthen-9-yl, *9H*-thioxanthen-9-yl, 6,7,8,9-tetrahydro-*5H*-benzocyclohepten-5-yl, or 10,11-dihydro-*5H*-dibenzo[*a,d*]cyclohepten-5-yl, wherein these groups may be optionally substituted by from 1 to 3 groups selected from halogen, C_1-C_3 alkyl, C_1-C_3 perfluoroalkyl, -O-C_1-C_3 perfluoroalkyl, -S-C_1-C_3 perfluoroalkyl, C_1-C_3

alkoxy, $-OCHF_2$, -CN, -COOH, $-CH_2CO_2H$, $-C(O)CH_3$, $-C(O)OR_7$, $-C(O)NH_2$, $-S(O)_2CH_3$, -OH, $-NH_2$, or $-NO_2$; and

R_7 is C_1-C_6 alkyl, C_3-C_6 cycloalkyl, $-CH_2$-C_3-C_6 cycloalkyl, or benzyl;
or a pharmaceutically acceptable salt or ester form thereof.

2. (Previously presented) The compound of claim 1 having the formula:

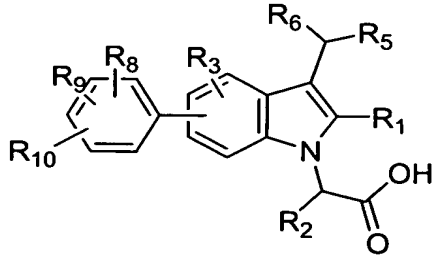


(I)

wherein R_1-R_3 and R_5-R_7 are as defined in Claim 1, and

R_4 is thienyl, furanyl, oxazoyl, phenyl, benzo[*b*]furan-2-yl, benzo[*b*]thien-2-yl, benzo[1,3]dioxol-5-yl, or naphthy; wherein the rings of the thienyl, furanyl, oxazoyl, phenyl, benzofuranyl, benzothienyl, and napthyl groups may be optionally substituted by from 1 to 3 groups selected from halogen, C_1-C_3 alkyl, C_1-C_3 perfluoroalkyl, $-O$-C_1-C_3 perfluoroalkyl, $-S$-C_1-C_3 perfluoroalkyl, C_1-C_3 alkoxy, $-OCHF_2$, -CN, -COOH, $-CH_2CO_2H$, $-C(O)CH_3$, $-CO_2R_7$, $-C(O)NH_2$, $-S(O)_2CH_3$, -OH, $-NH_2$, or $-NO_2$;
or a pharmaceutically acceptable salt or ester form thereof.

3. (Previously presented) The compound of claim 1 having the formula II:



(II)

wherein:

R_1 is hydrogen, C_1-C_6 alkyl, C_3-C_6 cycloalkyl, -CH_2-C_3-C_6 cycloalkyl, or C_1-C_3 perfluoroalkyl, wherein the alkyl and cycloalkyl groups may be optionally substituted by halogen, -CN, C_1-C_6 alkoxy, -OH, -NH_2, or -NO_2;

R_2 is hydrogen, C_1-C_8 alkyl, C_3-C_6 cycloalkyl, or -CH_2-C_3-C_6 cycloalkyl, wherein the alkyl group and the rings of the cycloalkyl groups may be optionally substituted by from 1 to 3 groups selected from halogen, C_1-C_3 alkyl, C_1-C_3 perfluoroalkyl, -O-C_1-C_3 perfluoroalkyl, -S-C_1-C_3 perfluoroalkyl, C_1-C_3 alkoxy, -$OCHF_2$, -CN, -COOH, -CH_2CO_2H, -$C(O)CH_3$, -$C(O)OR_7$, -$C(O)NH_2$, -$S(O)_2CH_3$, -OH, -NH_2, or -NO_2;

R_3 is hydrogen, halogen, C_1-C_6 alkyl, C_1-C_3 perfluoroalkyl, C_1-C_6 alkoxy, C_3-C_6 cycloalkyl, or -CH_2-C_3-C_6 cycloalkyl;

R_5 is C_1-C_8 alkyl, C_3-C_6 cycloalkyl, -CH_2-C_3-C_6 cycloalkyl, phenyl, benzyl, naphthyl, or CH_2-naphyl, wherein the alkyl group and the rings of the cycloalkyl, phenyl, and benzyl groups may be optionally substituted by from 1 to 3 groups selected from halogen, C_1-C_3 alkyl, C_3-C_6 cycloalkyl, C_1-C_3 perfluoroalkyl, -O-C_1-C_3 perfluoroalkyl, -S-C_1-C_3 perfluoroalkyl, C_1-C_3 alkoxy, -$OCHF_2$, -CN, -COOH, -CH_2CO_2H, -$C(O)CH_3$, -$C(O)OR_7$, -$C(O)NH_2$, -$S(O)_2CH_3$, -OH, -NH_2, -NO_2, or phenoxy; the phenoxy group being optionally substituted by from 1 to 3 groups selected from halogen, C_1-C_3 alkyl, or C_1-C_3 perfluoroalkyl;

R_6 is hydrogen, C_1-C_8 alkyl, C_3-C_6 cycloalkyl, or -CH_2-C_3-C_6 cycloalkyl, wherein the alkyl group and the rings of the cycloalkyl groups may be optionally substituted by from 1 to 3 groups selected from halogen, C_1-C_3 alkyl, C_1-C_3 perfluoroalkyl, -O-C_1-C_3 perfluoroalkyl, -S-C_1-C_3 perfluoroalkyl, C_1-C_3 alkoxy, -$OCHF_2$, -CN, -COOH, -CH_2CO_2H, -$C(O)CH_3$, -$C(O)NH_2$, -$S(O)_2CH_3$, -OH, -NH_2, or -NO_2;

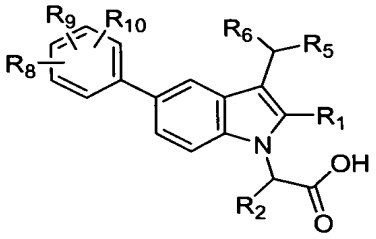
or R_5 and R_6 taken together may be a C_3-C_6 cycloalkyl group optionally substituted by from 1 to 3 groups selected from halogen, C_1-C_3 alkyl, C_1-C_3 perfluoroalkyl, -O-C_1-C_3

perfluoroalkyl, -S-C_1-C_3 perfluoroalkyl, -C_1-C_3 alkoxy, -$OCHF_2$, -CN, -COOH, -CH_2CO_2H, -$C(O)CH_3$, -$C(O)NH_2$, -$S(O)_2CH_3$, -OH, -NH_2, or -NO_2;

R_8, R_9, R_{10} are each independently hydrogen, halogen, C_1-C_3 alkyl, C_1-C_3 perfluoroalkyl, -O-C_1-C_3 perfluoroalkyl, -S-C_1-C_3 perfluoroalkyl, C_1-C_3 alkoxy, -$OCHF_2$, -$C(O)CH_3$, -$C(O)OR_7$, -$C(O)NH_2$, -$S(O)_2CH_3$, -OH, -NH_2, or -NO_2;

or a pharmaceutically acceptable salt or ester form thereof.

4. (Previously presented) The compound of claim I having the formula III:



III

wherein:

R_1 is hydrogen or C_1-C_6 alkyl;

R_2 is hydrogen or C_1-C_3 alkyl, optionally substituted by halogen;

R_5 is C_1-C_8 alkyl, C_3-C_6 cycloalkyl, -CH_2-C_3-C_6 cycloalkyl, phenyl, benzyl, or thienyl, wherein the alkyl group and the rings of the cycloalkyl, phenyl, thienyl and benzyl groups may be optionally substituted by from 1 to 3 groups selected from halogen, C_1-C_3 alkyl, C_3-C_6 cycloalkyl, C_1-C_3 perfluoroalkyl, -O-C_1-C_3 perfluoroalkyl, -S-C_1-C_3 perfluoroalkyl, C_1-C_3 alkoxy, -$OCHF_2$, -CN, -COOH, -CH_2CO_2H, -$C(O)CH_3$, -$C(O)NH_2$, -$S(O)_2CH_3$, -OH, -NH_2, or -NO_2;

R_6 is hydrogen or C_1-C_6 alkyl,

R_8, R_9, R_{10} are each independently hydrogen, halogen, C_1-C_3 alkyl, C_1-C_3 perfluoroalkyl, -O-C_1-C_3 perfluoroalkyl, -S-C_1-C_3 perfluoroalkyl, C_1-C_3 alkoxy, -$OCHF_2$, -$C(O)CH_3$, -$C(O)NH_2$, -$S(O)_2CH_3$, -OH, -NH_2, or -NO_2;

or a pharmaceutically acceptable salt or ester form thereof.

5. (Original) The compound of claim I which is {5-(3-trifluoromethoxyphenyl)-3-[1-(4-trifluoromethylphenyl)-ethyl]-indol-1-yl}-acetic acid or a pharmaceutically acceptable salt or ester form thereof.

6. (Original) The compound of claim 1 which is {3-[3,5-bis(trifluoromethyl)benzyl]-5-[4-(trifluoromethoxy)phenyl]-1H-indol-1-yl}acetic) acid or a pharmaceutically acceptable salt or ester form thereof.

7. (Original) The compound of claim 1 which is [3-[3,5-bis(trifluoromethyl)benzyl]-5-(2,4-dichlorophenyl)-1H-indol-1-yl]acetic acid or a pharmaceutically acceptable salt or ester form thereof.

8. (Original) The compound of claim 1 which is {3-[3,5-bis(trifluoromethyl)benzyl]-5-[3-(trifluoromethyl)phenyl]-1H-indol-1-yl}acetic acid or a pharmaceutically acceptable salt or ester form thereof.

9. (Original) The compound of claim 1 which is {5-(3-chlorophenyl)-3-[1-(2-thienyl)ethyl]-1H-indol-1-yl}acetic acid or a pharmaceutically acceptable salt or ester form thereof.

10. (Original) The compound of claim 1 which is [3-(1-phenylethyl)-5-(3-trifluoromethyl-phenyl)-indol-1-yl]acetic acid or a pharmaceutically acceptable salt or ester form thereof.

11. (Original) The compound of claim 1 which is [3-(1-thiophen-2-yl-ethyl)-5-(3-trifluoromethyl-phenyl)-indol-1-yl]acetic acid or a pharmaceutically acceptable salt or ester form thereof.

12. (Original) The compound of claim 1 which is [3-(1-cyclohexyl-ethyl)-5-(3-trifluoromethyl-phenyl)-indol-1-yl]acetic acid or a pharmaceutically acceptable salt or ester form thereof.

13. (Original) The compound of claim 1 which is [3-(4-isopropyl-benzyl)-5-(3-trifluoromethyl-phenyl)-indol-1-yl]acetic acid or a pharmaceutically acceptable salt or ester form thereof.

14. (Original) The compound of claim 1 which is [5-(2,4-dichloro-phenyl)-3-(1,3-dimethyl-butyl)-indol-1-yl]-acetic acid or a pharmaceutically acceptable salt or ester form thereof.

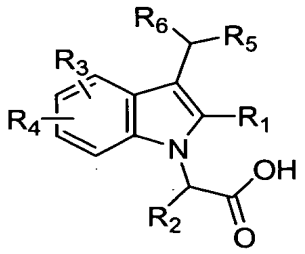
15. (Original) The compound of claim 1 which is [5-(2,4-dichloro-phenyl)-3-(1-phenyl-ethyl)-indol-1-yl]-acetic acid or a pharmaceutically acceptable salt or ester form thereof.

16. (Previously presented) The compound of claim 1 which is [3-(1-cyclohexyl-ethyl)-5-(2,4-dichloro-phenyl)-indol-1-yl]-acetic acid or a pharmaceutically acceptable salt or ester form thereof.

17. (Canceled)

18. (Original) A pharmaceutical composition comprising a therapeutically effective amount of the compound of claim 1 and a pharmaceutical carrier.

19. (Currently amended) A method for the treatment of thrombosis, fibrinolytic impairment, peripheral arterial disease, stroke associated with or resulting from atrial fibrillation, myocardial ischemia, cardiovascular disease caused by noninsulin dependent diabetes mellitus, the formation of atherosclerotic plaques, chronic obstructive pulmonary disease, renal fibrosis, polycystic ovary syndrome, Alzheimer's disease, <u>breast cancer</u> or <u>ovarian</u> cancer in a mammal, the method comprising administering to a mammal in need thereof, a therapeutically effective amount of a compound of formula I



(I)

wherein:

R_1 is hydrogen, C_1-C_6 alkyl, C_3-C_6 cycloalkyl, -CH_2-C_3-C_6 cycloalkyl, or C_1-C_3 perfluoroalkyl, wherein the alkyl and cycloalkyl groups are optionally substituted by halogen, -CN, C_1-C_6 alkoxy, -OH, -NH_2, or -NO_2;

R_2 is hydrogen, C_1-C_8 alkyl, C_3-C_6 cycloalkyl, -CH_2-C_3-C_6 cycloalkyl, thienyl, CH_2-thienyl, furanyl, CH_2-furanyl, oxazoyl, CH_2-oxazoyl, phenyl, benzyl, or CH_2-naphthyl, wherein the alkyl group and the rings of the cycloalkyl, thienyl, furanyl, oxazoyl, phenyl, benzyl, and naphthyl groups are optionally substituted by from 1 to 3 groups selected from alogen, C_1-C_3 alkyl, C_1-C_3 perfluoroalkyl, -O-C_1-C_3 perfluoroalkyl, -S-C_1-C_3 perfluoroalkyl, C_1-C_3 alkoxy, -$OCHF_2$, -CN, -COOH, -CH_2CO_2H, -$C(O)CH_3$, -$C(O)OR_7$, -$C(O)NH_2$, -$S(O)_2CH_3$, -OH, -NH_2, or -NO_2;

R_3 is hydrogen, halogen, C_1-C_6 alkyl, C_1-C_3 perfluoroalkyl, C_1-C_6 alkoxy, C_3-C_6 cycloalkyl, or -CH_2-C_3-C_6 cycloalkyl;

R_4 is C_3-C_8 alkyl, C_3-C_6 cycloalkyl, -CH_2-C_3-C_6 cycloalkyl, thienyl, CH_2-thienyl, furanyl, oxazoyl, phenyl, benzo[*b*]furan-2-yl, benzo[*b*]thien-2-yl, benzo[1,3]dioxol-5-yl, or naphthyl, wherein the alkyl group and the rings of the cycloalkyl, thienyl, furanyl, oxazoyl, phenyl, benzofuranyl, benzothienyl, and naphthyl groups are optionally substituted by from 1 to 3 groups selected from halogen, C_1-C_3 alkyl, C_1-C_3 perfluoroalkyl, -O-C_1-C_3 perfluoroalkyl, -S-C_1-C_3 perfluoroalkyl, C_1-C_3 alkoxy, -$OCHF_2$, -$C(O)CH_3$, -$C(O)OR_7$, -$C(O)NH_2$, -$S(O)_2CH_3$, -OH, -NH_2, or -NO_2;

R_5 is C_1-C_8 alkyl, C_3-C_6 cycloalkyl, -CH_2-C_3-C_6 cycloalkyl, pyridinyl, -CH_2-pyridinyl, thienyl, CH_2-thienyl, furanyl, CH_2-furanyl, oxazoyl, CH_2-oxazoyl, phenyl, benzyl, benzo[*b*]furan-2-yl, benzo[*b*]thien-2-yl, benzo[1,3]dioxol-5-yl, naphthyl, CH_2-naphyl, *9H*-fluoren-1-yl, *9H*-fluoren-4-yl, *9H*-fluoren-9-yl, 9-fluorenone-1-yl, 9-fluorenone-2-yl, 9-fluorenone-4-yl, or CH_2-*9H*-fluoren-9-yl, wherein the alkyl group and the rings of the cycloalkyl, pyridinyl, thienyl, furanyl, oxazoyl, phenyl, benzyl, benzofuranyl, benzothienyl, naphthyl, fluorenyl, and fluorenone groups are optionally substituted by from 1 to 3 groups selected from halogen, C_1-C_3 alkyl, C_3-C_6 cycloalkyl, C_1-C_3 perfluoroalkyl, -O-C_1-C_3 perfluoroalkyl, -S-C_1-C_3 perfluoroalkyl, C_1-C_3 alkoxy, phenoxy, -$OCHF_2$, -CN, -COOH, -CH_2CO_2H, -$C(O)CH_3$, -$C(O)OR_7$, -$C(O)NH_2$, -$S(O)_2CH_3$, -OH, -NH_2, or -NO_2, wherein the phenoxy group is optionally substituted by from 1 to 3 groups selected from halogen, C_1-C_3 alkyl, or C_1-C_3 perfluoroalkyl;

R_6 is hydrogen, C_1-C_8 alkyl, C_3-C_6 cycloalkyl, -CH_2-C_3-C_6 cycloalkyl, pyridyl, thienyl, CH_2-thienyl, furanyl, CH_2-furanyl, oxazoyl, CH_2-oxazoyl, phenyl, benzyl, benzo[*b*]furan-2-yl, benzo[*b*]thien-2-yl, benzo[1,3]dioxol-5-yl, CH_2-1-naphthyl, or CH_2-2-naphyl, wherein the alkyl group and the rings of the cycloalkyl, thienyl, furanyl, oxazoyl, phenyl, benzyl, benzofuranyl, benzothienyl, and naphthyl groups are optionally substituted by from 1 to 3 groups selected from halogen, C_1-C_3 alkyl, C_1-C_3 perfluoroalkyl, -O-C_1-C_3 perfluoroalkyl, -S-C_1-C_3 perfluoroalkyl, C_1-C_3 alkoxy, -$OCHF_2$, -CN, -COOH, -CH_2CO_2H, -$C(O)CH_3$, -$C(O)OR_7$, -$C(O)NH_2$, -$S(O)_2CH_3$, -OH, -NH_2, or -NO_2;

or R_5 and R_6 taken together may be C_3-C_6 cycloalkyl, 3-indan-1-yl, 1,2,3,4-tetrahydronaphthalen-1-yl, chroman-4-yl, *4H*-chromen-4-yl, thiochroman-4-yl, *9H*-fluoren-9-yl, 9,10-dihydroanthracen-9-yl, *9H*-xanthen-9-yl, *9H*-thioxanthen-9-yl, 6,7,8,9-tetrahydro-*5H*-benzocyclohepten-5-yl, or 10,11-dihydro-*5H*-dibenzo[*a,d*]cyclohepten-5-yl, wherein these groups are optionally substituted by from 1 to 3 groups selected from halogen, C_1-C_3 alkyl, C_1-C_3 perfluoroalkyl, -O-C_1-C_3 perfluoroalkyl, -S-C_1-C_3 perfluoroalkyl, C_1-C_3 alkoxy, -$OCHF_2$, -CN, -COOH, -CH_2CO_2H, -$C(O)CH_3$, -$C(O)OR_7$, -$C(O)NH_2$, -$S(O)_2CH_3$, -OH, -NH_2, or -NO_2; and

R_7 is C_1-C_6 alkyl, C_3-C_6 cycloalkyl, -CH_2-C_3-C_6 cycloalkyl, or benzyl;
or a pharmaceutically acceptable salt or ester form thereof.

20. (Original) A method of Claim 19 wherein the thrombosis or fibrinolytic impairment is associated with formation of atherosclerotic plaques, venous and arterial thrombosis, myocardial ischemia, atrial fibrillation, deep vein thrombosis, coagulation syndromes, pulmonary fibrosis, cerebral thrombosis, thromboembolic complications of surgery or peripheral arterial occlusion.

21. (Previously presented) The method of claim 19 wherein said method is for the treatment of peripheral arterial disease in a mammal.

22. (Previously presented) The method of claim 19 wherein said method is for the treatment of stroke associated with or resulting from atrial fibrillation in a mammal.

23. (Previously presented) The method of claim 19 wherein said method is for the treatment of deep vein thrombosis in a mammal.

24. (Previously presented) The method of claim 19 wherein said method is for the treatment of myocardial ischemia in a mammal.

25. (Previously presented) The method of claim 19 wherein said method is for the treatment of cardiovascular disease caused by noninsulin dependent diabetes mellitus in a mammal.

26. (Previously presented) The method of claim 19 wherein said method is for the treatment of the formation of atherosclerotic plaques in a mammal.

27. (Previously presented) The method of claim 19 wherein said method is for the treatment of chronic obstructive pulmonary disease in a mammal.

28. (Previously presented) The method of claim 19 wherein said method is for the treatment of renal fibrosis in a mammal.

29. (Previously presented) The method of claim 19 wherein said method is for the treatment of polycystic ovary syndrome in a mammal.

30. (Previously presented) The method of claim 19 wherein said method is for the treatment of Alzheimer's disease in a mammal.

31. (Currently amended) The method of claim 19 wherein said method is for the treatment of breast or ovarian cancer in a mammal, comprising administering to a mammal in need thereof a pharmaceutically effective amount of a compound of Claim 1.

32. (Previously presented) The compound of claim 1 wherein R_4 is phenyl, wherein the rings of the phenyl group are optionally substituted by from 1 to 3 groups selected from halogen, C_1-C_3 alkyl, C_1-C_3 perfluoroalkyl, -O-C_1-C_3 perfluoroalkyl, -S-C_1-C_3 perfluoroalkyl, C_1-C_3 alkoxy, -$OCHF_2$, -$C(O)CH_3$, -$C(O)OR_7$, -$C(O)NH_2$, -$S(O)_2CH_3$, -OH, -NH_2, or -NO_2.

33. (Previously presented) The compound of claim 3 wherein at least one of R_8, R_9, R_{10} is independently halogen, C_1-C_3 alkyl, C_1-C_3 perfluoroalkyl, -O-C_1-C_3 perfluoroalkyl, -S-C_1-C_3 perfluoroalkyl, C_1-C_3 alkoxy, -$OCHF_2$, -$C(O)CH_3$, -$C(O)OR_7$, -$C(O)NH_2$, -$S(O)_2CH_3$, -OH, -NH_2, or -NO_2.

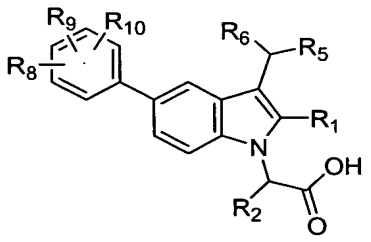
34. (Previously presented) The compound of claim 33 wherein R_5 is C_1-C_8 alkyl, C_3-C_6 cycloalkyl, or -CH_2-C_3-C_6 cycloalkyl, wherein the alkyl group and the rings of the cycloalkyl group are optionally substituted by from 1 to 3 groups selected from halogen, C_1-C_3 alkyl, C_3-C_6 cycloalkyl, C_1-C_3 perfluoroalkyl, -O-C_1-C_3 perfluoroalkyl, -S-C_1-C_3 perfluoroalkyl, C_1-C_3 alkoxy, -$OCHF_2$, -CN, -COOH, -CH_2CO_2H, -$C(O)CH_3$, -$C(O)OR_7$, -$C(O)NH_2$, -$S(O)_2CH_3$, -OH, -NH_2, -NO_2, or phenoxy; the phenoxy group being optionally substituted by from 1 to 3 groups selected from halogen, C_1-C_3 alkyl, or C_1-C_3 perfluoroalkyl.

35. (Previously presented) The compound of claim 4 wherein at least one of R_8, R_9, R_{10} is independently halogen, C_1-C_3 alkyl, C_1-C_3 perfluoroalkyl, -O-C_1-C_3 perfluoroalkyl, -S-C_1-C_3 perfluoroalkyl, C_1-C_3 alkoxy, -$OCHF_2$, -$C(O)CH_3$, -$C(O)OR_7$, -$C(O)NH_2$, -$S(O)_2CH_3$, -OH, -NH_2, or -NO_2.

36. (Previously presented) The compound of claim 35 wherein R_5 is C_1-C_8 alkyl, C_3-C_6 cycloalkyl, or -CH_2-C_3-C_6 cycloalkyl, wherein the alkyl group and the rings of the cycloalkyl group are optionally substituted by from 1 to 3 groups selected from halogen, C_1-C_3 alkyl, C_3-C_6 cycloalkyl, C_1-C_3 perfluoroalkyl, -O-C_1-C_3 perfluoroalkyl, -S-C_1-C_3 perfluoroalkyl, C_1-C_3 alkoxy, -$OCHF_2$, -CN, -COOH, -CH_2CO_2H, -$C(O)CH_3$, -$C(O)OR_7$, -$C(O)NH_2$, -$S(O)_2CH_3$, -OH, -NH_2, -NO_2, or phenoxy; the phenoxy group being optionally substituted by from 1 to 3 groups selected from halogen, C_1-C_3 alkyl, or C_1-C_3 perfluoroalkyl.

37. (Previously presented) The method of claim 19 wherein R_4 is phenyl, wherein the rings of the phenyl group are optionally substituted by from 1 to 3 groups selected from halogen, C_1-C_3 alkyl, C_1-C_3 perfluoroalkyl, -O-C_1-C_3 perfluoroalkyl, -S-C_1-C_3 perfluoroalkyl, C_1-C_3 alkoxy, -$OCHF_2$, -$C(O)CH_3$, -$C(O)OR_7$, -$C(O)NH_2$, -$S(O)_2CH_3$, -OH, -NH_2, or -NO_2.

38. (Previously presented) The method of claim 19 wherein the compound has the compound of formula III:



III

wherein:

R_1 is hydrogen or C_1-C_6 alkyl;

R_2 is hydrogen or C_1-C_3 alkyl, optionally substituted by halogen;

R_5 is C_1-C_8 alkyl, C_3-C_6 cycloalkyl, -CH_2-C_3-C_6 cycloalkyl, phenyl, benzyl, or thienyl, wherein the alkyl group and the rings of the cycloalkyl, phenyl, thienyl and benzyl groups may be optionally substituted by from 1 to 3 groups selected from halogen, C_1-C_3 alkyl, C_3-C_6 cycloalkyl, C_1-C_3 perfluoroalkyl, -O-C_1-C_3 perfluoroalkyl, -S-C_1-C_3 perfluoroalkyl, C_1-C_3 alkoxy, -$OCHF_2$, -CN, -COOH, -CH_2CO_2H, -$C(O)CH_3$, -$C(O)NH_2$, -$S(O)_2CH_3$, -OH, -NH_2, or -NO_2;

R_6 is hydrogen or C_1-C_6 alkyl,

R_8, R_9, R_{10} are each independently hydrogen, halogen, C_1-C_3 alkyl, C_1-C_3 perfluoroalkyl, -O-C_1-C_3 perfluoroalkyl, -S-C_1-C_3 perfluoroalkyl, C_1-C_3 alkoxy, -$OCHF_2$, -$C(O)CH_3$, -$C(O)NH_2$, -$S(O)_2CH_3$, -OH, -NH_2, or -NO_2;
or a pharmaceutically acceptable salt or ester form thereof.

39. (Previously presented) The method of claim 38 wherein R_5 is C_1-C_8 alkyl, C_3-C_6 cycloalkyl, or -CH_2-C_3-C_6 cycloalkyl, wherein the alkyl group and the rings of the cycloalkyl group are optionally substituted by from 1 to 3 groups selected from halogen, C_1-C_3 alkyl, C_3-C_6 cycloalkyl, C_1-C_3 perfluoroalkyl, -O-C_1-C_3 perfluoroalkyl, -S-C_1-C_3 perfluoroalkyl, C_1-C_3 alkoxy, -$OCHF_2$, -CN, -COOH, -CH_2CO_2H, -$C(O)CH_3$, -$C(O)NH_2$, -$S(O)_2CH_3$, -OH, -NH_2, or -NO_2.